



MASSACHUSETTS PORT AUTHORITY
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www.massport.com



TOBIN MEMORIAL BRIDGE

THE PAINTING PROJECT



HOW IT AFFECTS YOU

PROJECT BEGINS:

March 2003

WORK HOURS:

Monday through Friday,
7 A.M. to 4 P.M.
Any exceptions must be approved
by the director of the bridge.

ESTIMATED COMPLETION TIME:

18 months

LOCATION OF WORK:

Charlestown
Lower Level B13-B22

PROJECT DETAILS

DESIGN CONSULTANT:

S.G. Pinney & Associates

RESIDENT ENGINEER:

S.G. Pinney & Associates

GENERAL CONTRACTOR:

Atlas Painting and Sheeting Corp.

ENVIRONMENTAL CONSULTANTS:

Amethyst Environmental Ltd.

COST:

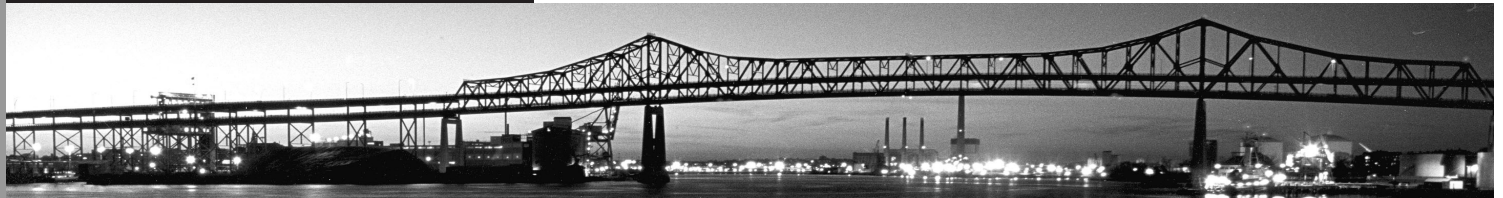
\$3,600,000 (low bid)

SCOPE OF WORK:

Complete removal of old lead paint through abrasive cleaning will properly prepare the bridge surface for application of new coating system. All work will be conducted in a fully enclosed containment structure, using negative pressure to keep dust and particles from escaping.

PAINT MATERIALS:

Primer: Organic Zinc Rich (Epoxy Urethane)
Intermediate: High Build Epoxy Polyamide
Stripe Coat: High Build Epoxy Polyamide
Finish Coat: Aliphatic Polyurethane
Color: Green



TOBIN BRIDGE BACKGROUND

- ▶ The Tobin Memorial Bridge is undergoing a total repainting that will take several years to complete. The project will have cost an estimated \$30 million when completed.
- ▶ A nine-phase painting project was begun in 1992. The Charlestown Lower Level is the fifth phase of the project.
- ▶ Ongoing painting and maintenance of the bridge are necessary to protect its structural integrity and remove lead hazard.
- ▶ Boston's weather makes it virtually impossible to paint the bridge from end to end on a continuous basis, so the Tobin Bridge is painted during the spring, summer and fall.
- ▶ Uncoated steel rusts, and saltwater intensifies corrosion, so painting the bridge structure prolongs its life.
- ▶ Most bridges are painted green or gray, the two paint colors with the highest resistance to the sun's ultraviolet rays.
- ▶ It takes approximately 23,250 gallons to paint the bridge from end to end – enough to paint a double line from the Tobin to the Golden Gate Bridge in San Francisco.
- ▶ At 2.25 miles, the Tobin measures a half mile longer than the Golden Gate Bridge (1.7 miles) and twice as long as the Brooklyn Bridge.
- ▶ An average 8000 vehicles cross the bridge into Boston each morning rush hour; over a day, roughly 30,000 cross heading into the city; in a year about 11 million.
- ▶ For questions on this project or Massport community concerns, call Massport community representative Dorothy Connolly Steele at 617-568-3705.